

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	10	angular with sens\$3 same detach\$4 and servo with motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 08:26
L3	16	((("6,662,673") or ("6,543,987") or ("6,516,681") or ("6,429,617") or ("6,382,012") or ("5,807,408") or ("4,976,582") or ("5,903,123"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/02 08:26
L4	12	("4187454"   "4406576"   "4491718"   "5115179"   "5212433"   "5444342"   "5497057"   "5615469").PN. OR ("5903123").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 08:32
L5	112	end with effector same (rotat\$3 or transl\$3) same horizontal with plane	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 08:33
L6	8	end with effector same (rotat\$3 or transl\$3) same horizontal with plane same (sens\$3 or detect\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 08:33
L7	4	("4697979"   "4795957"   "5280622").PN. OR ("5807408").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 09:18
L8	1197	signal with detachment	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 09:19
L9	32	signal with detachment and robot	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/02 09:34
L10	299	(901/30).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/02 09:35
L11	10	l10 and detachment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 09:36
L12	2169	(700/258,245,255,250).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/02 09:36

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L13	231	(74/490.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/02 09:36
L14	771	(901/2,27,30).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/02 09:36
L15	0	(l12 l13 l14) and angular with sensing same detachment same servo with motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 09:37
L16	1	(l12 l13 l14) and angular with sensing and detachment and servo with motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 09:37
S1	4	"776498".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 13:19
S2	182	delta with robot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 11:51
S3	0	delta with robot same angular with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 11:52
S4	20	delta with robot and angular with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 11:52
S5	1	"delta robot" and angular with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 11:52
S6	37	"delta robot"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/02 08:23

## EAST Search History

S7	2	("4976582").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/28 12:55
S8	61	("2286571"   "3419238"   "4407625"   "4435116"   "4569627"   "4651589"   "4712971").PN. OR ("4976582").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 13:11
S9	9	"delta robot" and (sense or sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 13:11
S10	1	"delta robot" and detachment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 13:19
S11	16	((("6,662,673") or ("6,543,987") or ("6,516,681") or ("6,429,617") or ("6,382,012") or ("5,807,408") or ("4,976,582") or ("5,903,123"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/31 13:54
S12	0	S11 and angular with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/31 13:35
S13	20	delta with robot and angular with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/31 14:52
S14	2	end with effector with detachment with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/31 13:39
S15	18	robot and arm with detachable with joint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/31 13:52
S16	3	robot and arm with detachable and angular with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/31 15:00

## EAST Search History

S17	2	("4976582").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/31 13:54
S18	63	("2286571"   "3419238"   "4407625"   "4435116"   "4569627"   "4651589"   "4712971").PN. OR ("4976582").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/31 13:54
S19	4	S18 and angular with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/31 13:54
S20	1	"delta robot" and angular with sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/31 14:52
S21	38	"delta robot"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/31 14:52
S22	2	angular with sensor same detachment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/31 15:00